

LISTING OF CLAIMS:

1. (Currently Amended) A method of manufacturing an ink jet head having a head base, comprising the steps of:

manufacturing a green sheet in response to said head base, said head base comprising a plate in which a nozzle port is formed and a concave portion defining an ink pressure chamber, said green sheet having a relief pattern corresponding to the concave portion defining said ink pressure chamber; forming said head base by coating and solidifying a material for forming said head base on a surface of said green sheet having said relief pattern; stripping off said head base from said green sheet; and, after completely stripping off said head base from said green sheet, performing the entire process of forming the nozzle port for discharging the ink on said head base.

2. (Previously Amended) A method of manufacturing an ink jet head according to claim 1, wherein:

said green sheet manufacturing step comprises a step of forming a resist layer on a substrate of said green sheet, and then manufacturing said green sheet by forming said relief pattern on said substrate of said green sheet by etching.

3. (Previously Amended) A method of manufacturing an ink jet head according to claim 2, wherein:

said substrate of said green sheet is a silicon wafer.

4. (Previously Amended) A method of manufacturing an ink jet head according to claim 2, wherein:

said substrate of said green sheet is made of quartz glass.

Claim 5 (Canceled)

6. (Previously Amended) A method of manufacturing an ink jet head according to claim 1, wherein:

the material for forming said head base is a substance hardenable by imparting energy.

7. (Previously Amended) A method of manufacturing an ink jet head according to claim 6, wherein:

said energy is a light or a heat, or both a light and a heat.

8. (Previously Amended) A method of manufacturing an ink jet head according to claim 1, wherein:

said head base is formed of a thermoplastic substance.

9. (Previously Amended) A method of manufacturing an ink jet head according to claim 8, wherein:

said thermoplastic substance is hydrated glass.

10. (Previously Amended) A method of manufacturing an ink jet head according to claim 1, wherein:

said relief pattern formed on said green sheet has at least one recess having a tapered shape.

Claims 11-13 (Canceled)

14. (Previously Amended) A method of manufacturing an ink jet head according to claim 1, wherein:

said nozzle port forming step comprises forming said ink discharging nozzle port by a lithographic method.

Claims 15-17 (Canceled)

18. (Currently Amended) A method for manufacturing a head base having a concave portion defining a plurality of ink pressure chambers, and a plate in which corresponding nozzle ports are formed, the method comprising:

coating and solidifying a material for forming said head base on a surface of a green sheet having a prescribed relief pattern corresponding to the concave portion defining the plurality of pressure chambers, stripping off said head base from said green sheet, and, after completely stripping off said head base from said green sheet, performing the entire process of forming the nozzle ports for discharging the ink on said head base.

19. (Previously Amended) A method for manufacturing a head base according to claim 18, wherein:

said head base is formed by forming a resist layer in response to a prescribed pattern on a substrate of said green sheet, and then manufacturing said green sheet by forming said relief pattern on said substrate of said green sheet by etching.

20. (Previously Amended) A method for manufacturing a head base according to claim 19, wherein:

said substrate of said green sheet is one of a silicon wafer and quartz glass.

Claim 21 (Canceled)

22. (Previously Amended) A method for manufacturing a head base according to claim 18, wherein:

the material for forming said head base is a substance hardenable by imparting energy.

23. (Previously Amended) A method for manufacturing a head base according to claim 22, wherein:

said energy is at least one of light and heat.

24. (Previously Amended) A method for manufacturing a head base according to claim 18, wherein:

said head base is formed of a thermoplastic substance.

25. (Previously Amended) A method for manufacturing a head base according to claim 24, wherein:

said thermoplastic substance is hydrated glass.

26. (Previously Amended) A method for manufacturing a head base according to claim 18, wherein:

said relief pattern formed on said green sheet has at least one recess having a tapered shape.

Claims 27-29 (Canceled)

30. (Previously Amended) A method for manufacturing a head base according to claim 18, wherein:

said nozzle ports are formed by a lithographic method.

Claims 31-33 (Canceled)

34. (Previously Added) A method of manufacturing an ink jet head according to claim 1, wherein:

the stripping off of the head base from the green sheet further comprises irradiating light onto an interface between the green sheet and the head base.

35. (Previously Added) A method for manufacturing a head base according to claim 18, wherein:

the stripping off of the head base from the green sheet further comprises irradiating light onto an interface between the green sheet and the head base.